

**IN THE SPECIFICATION:**

Please add the following paragraph after the title:

Cross Reference To Related Application

[0001] This application is a **national stage** of PCT/EP2003/006925 filed June 30, 2003 and based upon DE 102 40 180.2 filed August 27, 2002 under the International Convention.

Please amend paragraph [00010] as follows:

[00010] For solving this task ~~the combination of characteristics set forth in Claims 1 and 11 are proposed. Advantageous embodiments and further developments of the invention can be found in the dependent claims~~ there is provided a large manipulator with an articulated mast pivotally connected to a mast base that is rotatable about a vertical axis. The articulated mast comprises at least three mast arms which are pivotable to a limited extent about horizontal articulated axis and located parallel to each other, the pivoting movement being relative to the mast base or an adjacent mast arm and being performed by means of a respective drive unit. The inventive device further comprises a control unit for actuating the drive units for the mast movement. The control unit is provided with coordinate transformer which responds to a given guiding parameter (r) and measured angular values ( $\epsilon_\gamma$ ) that are determined by means of angle sensors located on the mast arms. The coordinate transformer does a conversion into movement

U.S. Application No.: NEW  
PRELIMINARY AMENDMENT

Attorney Docket: 3827.129

signals ( $\Delta\alpha_v$ ) for the drive units in accordance with predefined path/slew characteristics, the movement signals being related to the articulation axis. In order to make the inventive device lighter and easier to build, geodetic angle sensors which determine geostationary measured angular values ( $\epsilon_v$ ) that are assigned to the individual mast arms are disposed in a rigid manner on the mast arms.